Claims 1-19. (canceled)

Claim 20. (New) A vector comprising a nucleotide sequence from a piggyBac transposon and at least one sequence encoding a fluorescent protein wherein said sequence encoding a fluorescent protein is operatively linked to a polyubiquitin promoter obtained from *Drosophila melanogaster*.

Claim 21. (New) The vector of claim 20 wherein said piggyBac transposon is modified by deleting about 748 bp of internal piggyBac sequence by BglII-HpaI digestion.

Claim 22. (New) A vector comprising SEQ ID NO 6.

Claim 23. (New) The vector of claim 22 wherein the fluorescent protein gene, EGFP, is substituted with another fluorescent protein gene.

Claim 24. (New) A composition for transformation comprising:

(a) a first DNA comprising a non-transposon heterologous DNA sequence inserted between a pair of inverted repeats of a piggyBac transposon wherein said piggyBac

transposon is modified by deleting about 748 bp of internal piggyBac sequence by BglII-HpaI digestion, and at least one sequence encoding a fluorescent protein wherein said at least one sequence encoding a fluorescent protein is operatively linked to a polyubiquitin promoter obtained from *Drosophila melanogaster*, and

(b) a second DNA encoding a piggyBac transposase that is under control of a heat-shock inducible promoter.